



# IFRAME - Inline Frame

## Syntax

**<IFRAME>...</IFRAME>**

## Attribute Specifications

- **SRC**=URI (URI of frame content)
- **NAME**=CDATA (name of frame)
- **LONGDESC**=URI (link to long description)
- **WIDTH**=Length (frame width)
- **HEIGHT**=Length (frame height)
- **ALIGN**=[ top | middle | bottom | left | right ] (frame alignment)
- **FRAMEBORDER**=[ 1 | 0 ] (frame border)
- **MARGINWIDTH**=Pixels (margin width)
- **MARGINHEIGHT**=Pixels (margin height)
- **SCROLLING**=[ yes | no | auto ] (ability to scroll)
- core attributes

## Contents

Inline elements, block-level elements

## Contained in

Block-level elements, inline elements except BUTTON

The **IFRAME** element defines an *inline frame* for the inclusion of external objects including other HTML documents. **IFRAME** provides a subset of the functionality of **OBJECT**; the only advantage to **IFRAME** is that an inline frame can act as a target for other links. **OBJECT** is more widely supported than **IFRAME**, and, unlike **IFRAME**, **OBJECT** is included in HTML 4.0 Strict.

**IFRAME**'s **SRC** attribute provides the location of the frame content--typically an HTML document. The optional **NAME** attribute specifies the name of the inline frame, allowing links to target the frame.

The content of the **IFRAME** element is used as an alternative for browsers that are not configured to show or do not support inline frames. The content may consist of inline or block-level elements, though any block-level elements must be allowed inside the containing element of **IFRAME**. For example, an **IFRAME** within an H1 cannot contain an H2, but an **IFRAME** within a DIV can contain any block-level elements.

The **LONGDESC** attribute gives the URI of a long description of the frame's contents. This is particularly useful for full descriptions of embedded objects. Note that **LONGDESC** *describes* the frame content while the content of the **IFRAME** element acts as a *replacement* when the external resource cannot be inlined.

An example follows:

```
<IFRAME SRC="recipe.html" TITLE="The Famous Recipe">
<!-- Alternate content for non-supporting browsers -->
<H2>The Famous Recipe</H2>
<H3>Ingredients</H3>
...
</IFRAME>
```

The **WIDTH** and **HEIGHT** attributes specify the dimensions of the inline frame in pixels or as a percentage of the available space. The **FRAMEBORDER** attribute specifies whether or not a border

- ✎ should be drawn. The default value of **1** results in a border while a value of **0** suppresses the border. Style sheets allow greater flexibility in suggesting the border presentation.

The **ALIGN** attribute specifies the alignment of the inline frame. The values **top**, **middle**, and **bottom** specify the frame's position with respect to surrounding content on its left and right.

**ALIGN=middle** aligns the center of the frame with the current baseline. To center the frame horizontally on the page, place the frame in a centered block, *e.g.*,

```
<P ALIGN=center><IFRAME SRC="foo.html" WIDTH=300 HEIGHT=100></IFRAME></P>
```

The other **ALIGN** values, **left** and **right**, specify a *floating* frame; the frame is placed at the left or right margin and content flows around it. To place content below the frame, use **<BR CLEAR=left|right|all>** as appropriate.

The **vertical-align** and **float** properties of Cascading Style Sheets provide more flexible methods of aligning inline frames.

The **MARGINWIDTH** and **MARGINHEIGHT** attributes define the number of pixels to use as the left/right margins and top/bottom margins, respectively, within the inline frame. The value must be greater than one pixel.

The **SCROLLING** attribute specifies whether scrollbars are provided for the inline frame. The default value, **auto**, generates scrollbars only when necessary. The value **yes** gives scrollbars at all times, and the value **no** suppresses scrollbars--even when they are needed to see all the content. The value **no** should never be used.

## More Information

- [IFRAME in W3C HTML 4.0 Recommendation](#)
- [Using inline frames](#)

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